

20a MANAGEMENT OBJECT IDENTIFIER	20b MANAGEMENT OBJECT COLLECTION TIME	20c MANAGEMENT OBJECT	20 20d CLASSIFICATION DATA
XX.XX.XX	XX m sec	50	TYPE B
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FIG. 5

LONG COLLECTION TIME	CLASSIFICATION DATA
○ (=YES)	TYPE A
× (=NO)	TYPE B

FIG. 6

TYPE A	SEND COLLECTION REQUEST FOR MANAGEMENT OBJECT OF RECEIVED IDENTIFIER TO MIB PROCESSING SECTION.
TYPE B	SEND COLLECTION REQUEST TO MIB PROCESSING SECTION TO PREVIOUSLY STORE COLLECTED MANAGEMENT OBJECTS IN MANAGEMENT TABLE. READ MANAGEMENT OBJECT OF RECEIVED IDENTIFIER FROM MANAGEMENT TABLE TO PRODUCE RESPONSE.

FIG. 7

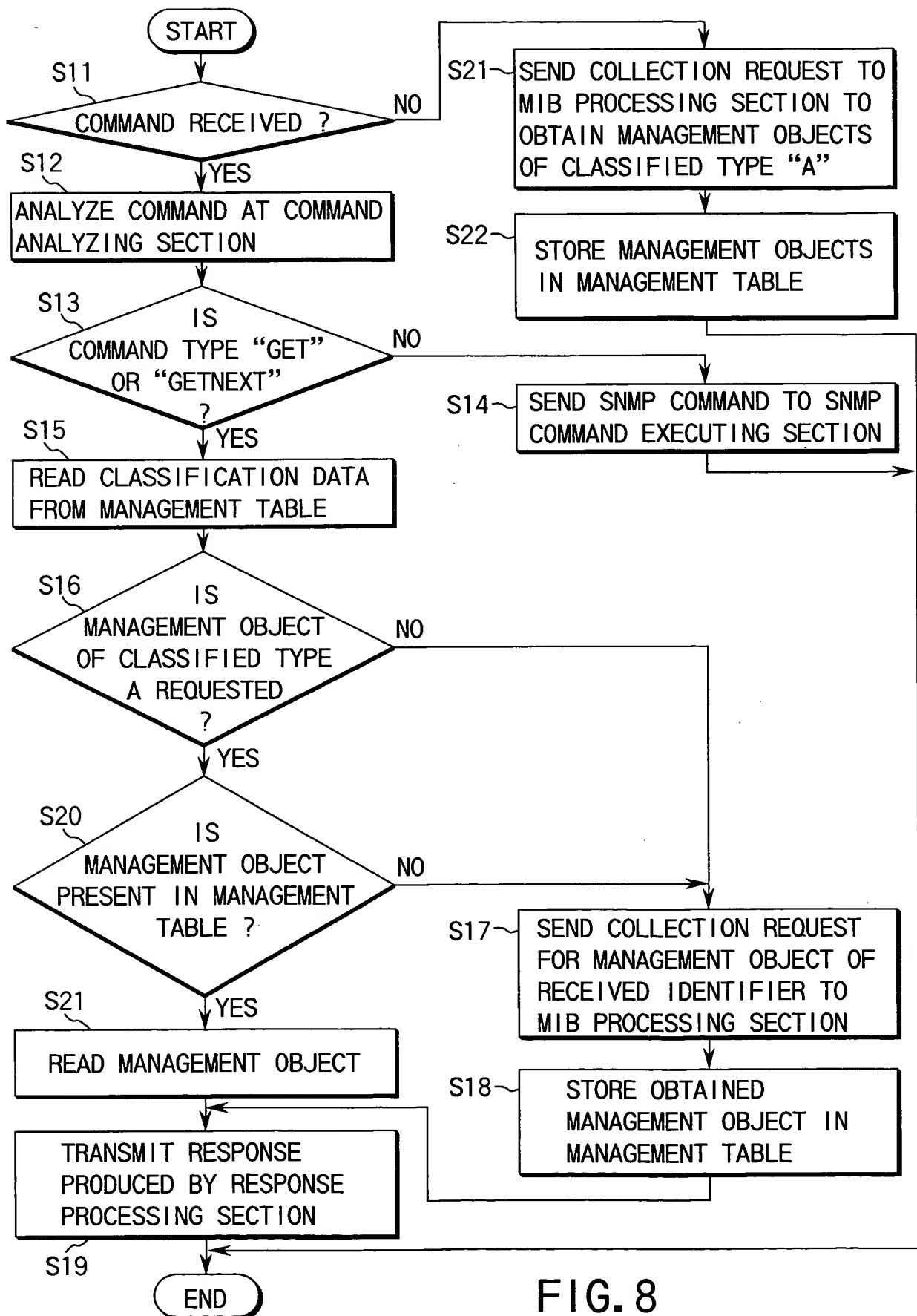


FIG. 8

20a MANAGEMENT OBJECT IDENTIFIER	20e DATA VALUE (1)	-----	DATA VALUE (n)	20 20c MANAGEMENT OBJECT	20d CLASSIFICATION DATA

FIG. 9

20a MANAGEMENT OBJECT IDENTIFIER	20c MANAGEMENT OBJECT	20 20f NUMBER OF ACCESSES IN TIME (1)	-----	NUMBER OF ACCESSES IN TIME (n)	20d CLASSIFICATION DATA

FIG. 10

TYPE A	SEND COLLECTION REQUEST FOR MANAGEMENT OBJECTS OF TYPE B TO MIB PROCESSING SECTION TO STORE COLLECTED MANAGEMENT OBJECTS IN MANAGEMENT TABLE. THEREAFTER, SEND COLLECTION REQUEST FOR MANAGEMENT OBJECT OF RECEIVED IDENTIFIER TO MIB PROCESSING SECTION.
TYPE B	READ MANAGEMENT OBJECT OF RECEIVED IDENTIFIER FROM MANAGEMENT TABLE. IF IT IS ABSENT, SEND COLLECTION REQUEST FOR MANAGEMENT OBJECT OF RECEIVED IDENTIFIER TO MIB PROCESSING SECTION.

FIG. 11

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graph TD
    S30([START]) --> S30[ANALYZE COMMAND AT COMMAND ANALYZING SECTION]
    S30 --> S31{IS COMMAND TYPE "GET" OR "GETNEXT"?}
    S31 -- NO --> S32[SEND SNMP COMMAND TO SNMP COMMAND EXECUTING SECTION]
    S32 --> S39([END])
    S31 -- YES --> S33[READ CLASSIFICATION DATA FROM MANAGEMENT TABLE]
    S33 --> S34{IS MANAGEMENT OBJECT OF CLASSIFIED TYPE A REQUESTED?}
    S34 -- YES --> S35[READ IDENTIFIERS OF MANAGEMENT OBJECTS OF TYPE B]
    S35 --> S36[SEND COLLECTION REQUEST FOR MANAGEMENT OBJECTS OF TYPE B TO MIB PROCESSING SECTION AND STORE COLLECTED MANAGEMENT OBJECTS IN MANAGEMENT TABLE]
    S36 --> S37[SEND COLLECTION REQUEST FOR MANAGEMENT OBJECT OF RECEIVED IDENTIFIER TO MIB PROCESSING SECTION]
    S37 --> S39
    S34 -- NO --> S40{IS MANAGEMENT OBJECT PRESENT IN MANAGEMENT TABLE?}
    S40 -- YES --> S38[TRANSMIT RESPONSE PRODUCED BY RESPONSE PROCESSING SECTION]
    S38 --> S39
    S40 -- NO --> S39

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FIG. 12

20a	20b	20c	20f		20	20d
MANAGEMENT OBJECT IDENTIFIER	MANAGEMENT OBJECT COLLECTION TIME	MANAGEMENT OBJECT	NUMBER OF ACCESSES IN TIME (1)	---	NUMBER OF ACCESSES IN TIME (n)	CLASSIFI- CATION DATA

FIG. 13

LONG COLLECTION TIME	HIGH ACCESS FREQUENCY	CLASSIFICATION DATA
○	○	TYPE A
○	×	TYPE A
×	○	TYPE B
×	×	TYPE C

○=YES    X=NO

FIG. 14

TYPE A	SEND COLLECTION REQUEST FOR MANAGEMENT OBJECTS OF TYPE B TO MIB PROCESSING SECTION AND STORE MANAGEMENT OBJECTS IN MANAGEMENT TABLE. THEREAFTER, SEND COLLECTION REQUEST FOR MANAGEMENT OBJECT OF RECEIVED IDENTIFIER TO MIB PROCESSING SECTION.
TYPE B	READ MANAGEMENT OBJECT OF RECEIVED IDENTIFIER FROM MANAGEMENT TABLE. IF IT IS ABSENT, SEND COLLECTION REQUEST FOR MANAGEMENT OBJECT OF RECEIVED IDENTIFIER TO MIB PROCESSING SECTION.
TYPE C	SEND COLLECTION REQUEST FOR MANAGEMENT OBJECT OF RECEIVED IDENTIFIER TO MIB PROCESSING SECTION.

FIG. 15

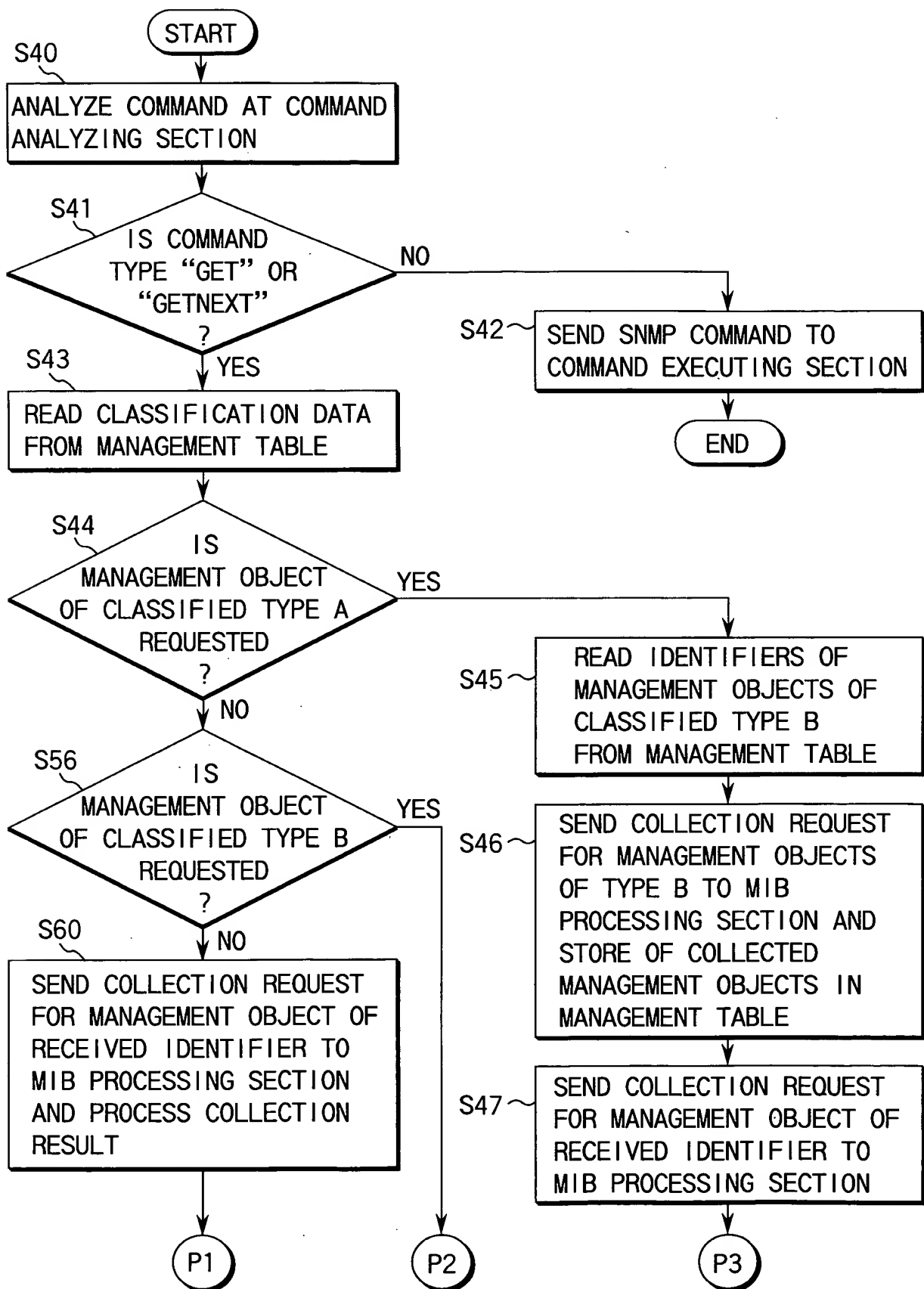


FIG. 16A

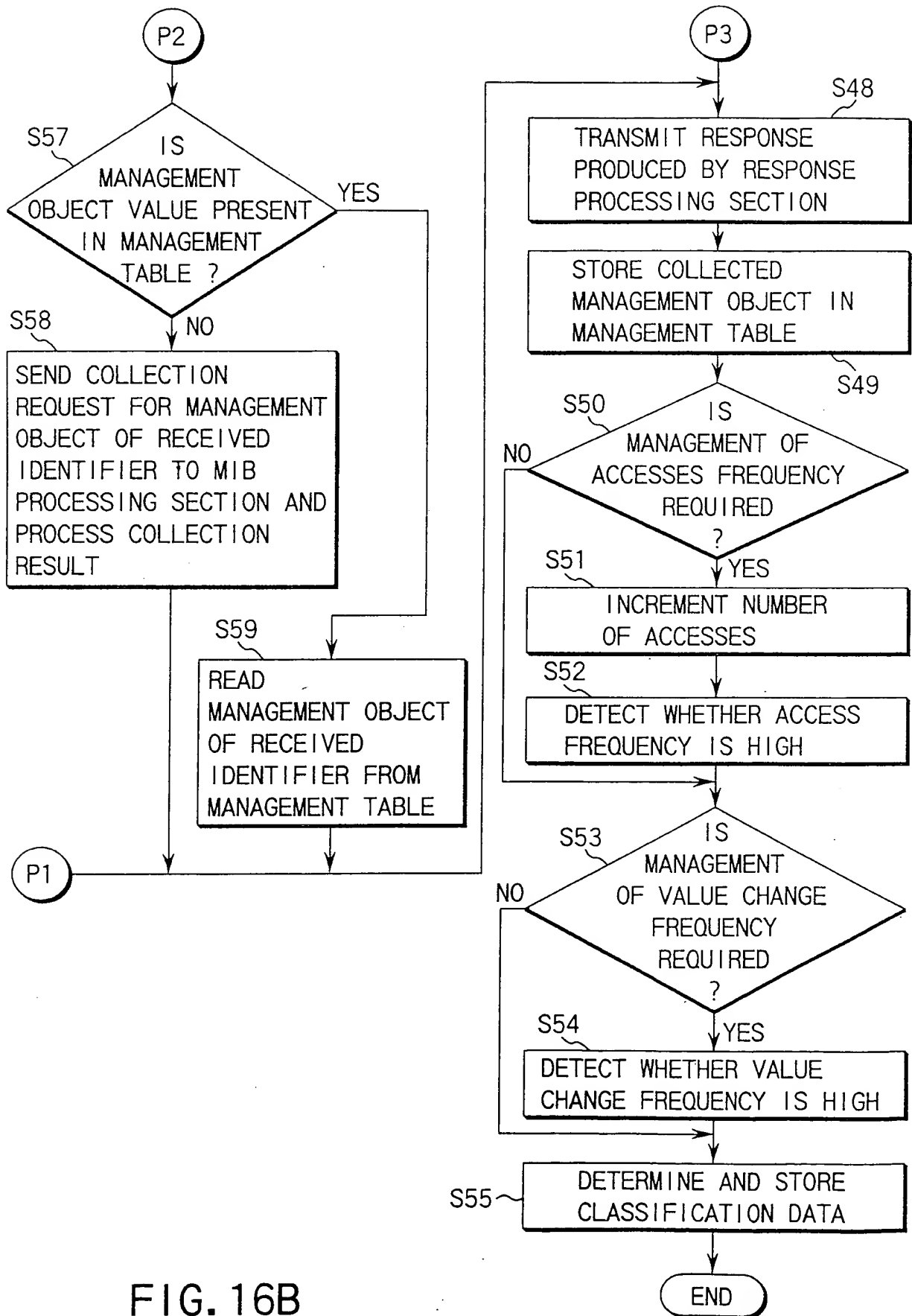


FIG. 16B



20a MANAGEMENT OBJECT IDENTIFIER	20b MANAGEMENT OBJECT COLLECTION TIME	20c MANAGEMENT OBJECT	20e 20 DATA VALUE (1) --- DATA VALUE (n)			20d CLASSIFICATION DATA

FIG. 17

LONG COLLECTION TIME	HIGH VALUE CHANGE FREQUENCY	CLASSIFICATION DATA
○	○	TYPE A
○	×	TYPE A
×	○	TYPE B
×	×	TYPE C

○=YES ×=NO

FIG. 18

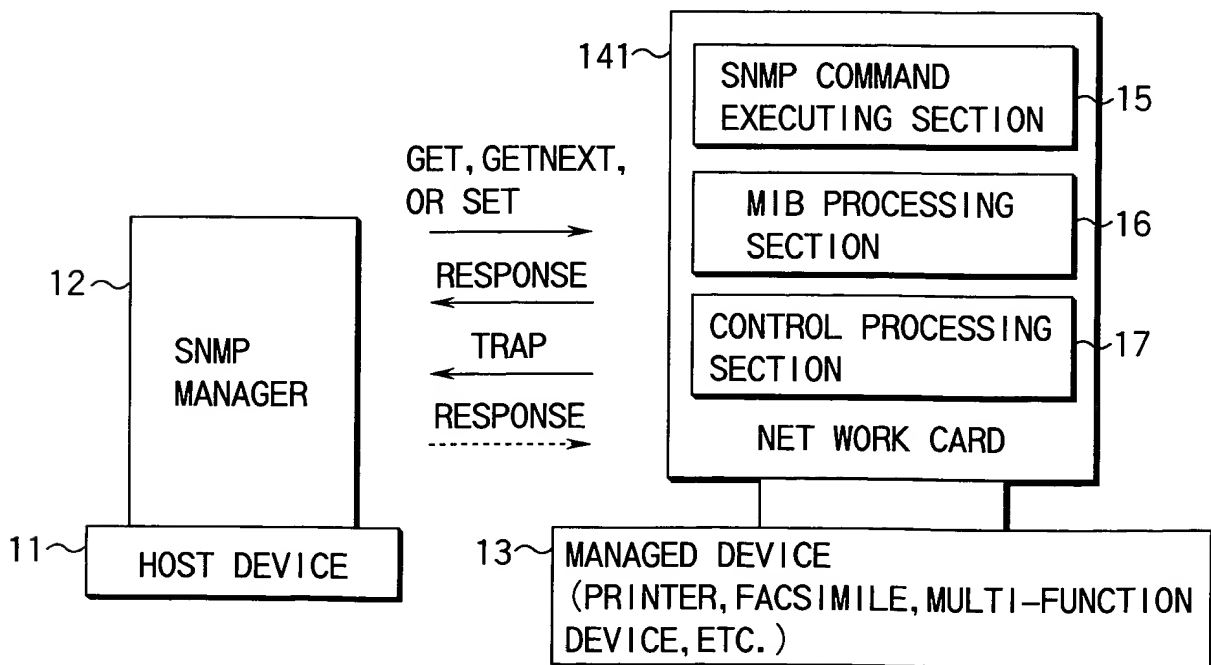


FIG. 19